

ABSTRACT

The present invention encompasses methods of preparing a recombinant viral vector, within a procaryotic cell, by intermolecular homologous recombination, methods of preparing an infectious viral particle containing the recombinant viral vector and pharmaceutical compositions comprising said vector or particle. The invention also encompasses the therapeutic use of said vector or particle, especially in human gene therapy.

0938491.062701

PCT WORLD ORGANISATION FOR INTELLECTUAL PROPERTY
International Office
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT
COOPERATION TREATY (PCT)

<p>(51) International patent classification¹: C12N 15/86, 15/10, 7/00, 7/01</p>	<p>A1</p>	<p>(11) International publication number: WO 96/17070 (43) International publication date: 6 June 1996 (06.06.96)</p>
<p>(21) International application number: PCT/FR95/01590</p> <p>(22) International filing date: 1st December 1995 (01.12.95)</p> <p>(30) Data relating to the priority: 94/14470 1st December 1994 (01.12.94) FR</p> <p>(71) Applicant (for all designated States except US): TRANSGENE S.A. (FR/FR): 11, rue de Holtsheim, F-67000 Strasbourg (FR).</p> <p>(72) Inventors; and (75) Inventors/Applicants (US only): Cécile CHARTIER [FR/FR]: 14, rue du Dôme, F-67000 Strasbourg (FR). Eric DEGRYSE [FR/FR]: 19, rue du Maréchal-Lefèvre, F-67100 Strasbourg (FR).</p> <p>(74) Representative: Jacques WARCOIN; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).</p>		<p>(81) Designated States: AU, CA, JP, SG, US, European Patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published With the International Search Report. Before expiry of the period provided for amending the claims, will be republished if such amendments are received.</p>
<p>As printed</p>		
<p>(54) Title: METHOD OF PREPARING A VIRAL VECTOR BY HOMOLOGOUS INTERMOLECULAR RECOMBINATION</p>		
<p>(54) Titre: PROCÉDÉ DE PRÉPARATION D'UN VECTEUR VIRAL PAR RECOMBINAISON HOMOLOGUE INTERMOLECULAIRE</p>		
<p>(57) Abstract</p>		
<p>Method of preparing within a procaryotic cell a recombinant viral vector by intermolecular homologous recombination, method of preparing an infectious viral particle containing such a vector and pharmaceutical composition comprising said vector or particle. The invention also concerns the therapeutic use of said vector or particle, especially in human gene therapy.</p>		
<p>(57) Abrégé</p>		
<p>L'invention concerne un procédé pour préparer dans une cellule procaryote un vecteur viral recombinant par recombinaison homologue intermoléculaire, un procédé pour préparer une particule virale infectieuse contenant un tel vecteur, ainsi qu'une composition pharmaceutique les comprenant. L'invention couvre également leur usage thérapeutique, notamment dans le cadre de la thérapie génique appliquée à l'homme.</p>		
		